

Figure 1

## Print Verification Unit

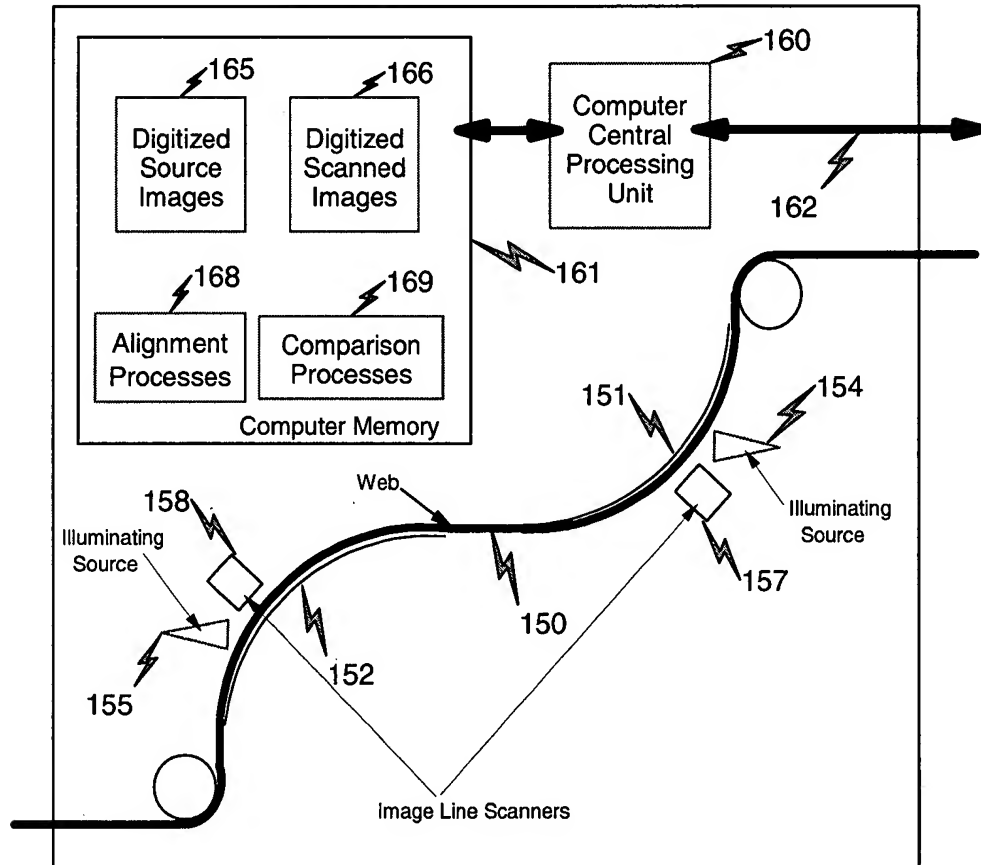


Figure 1a

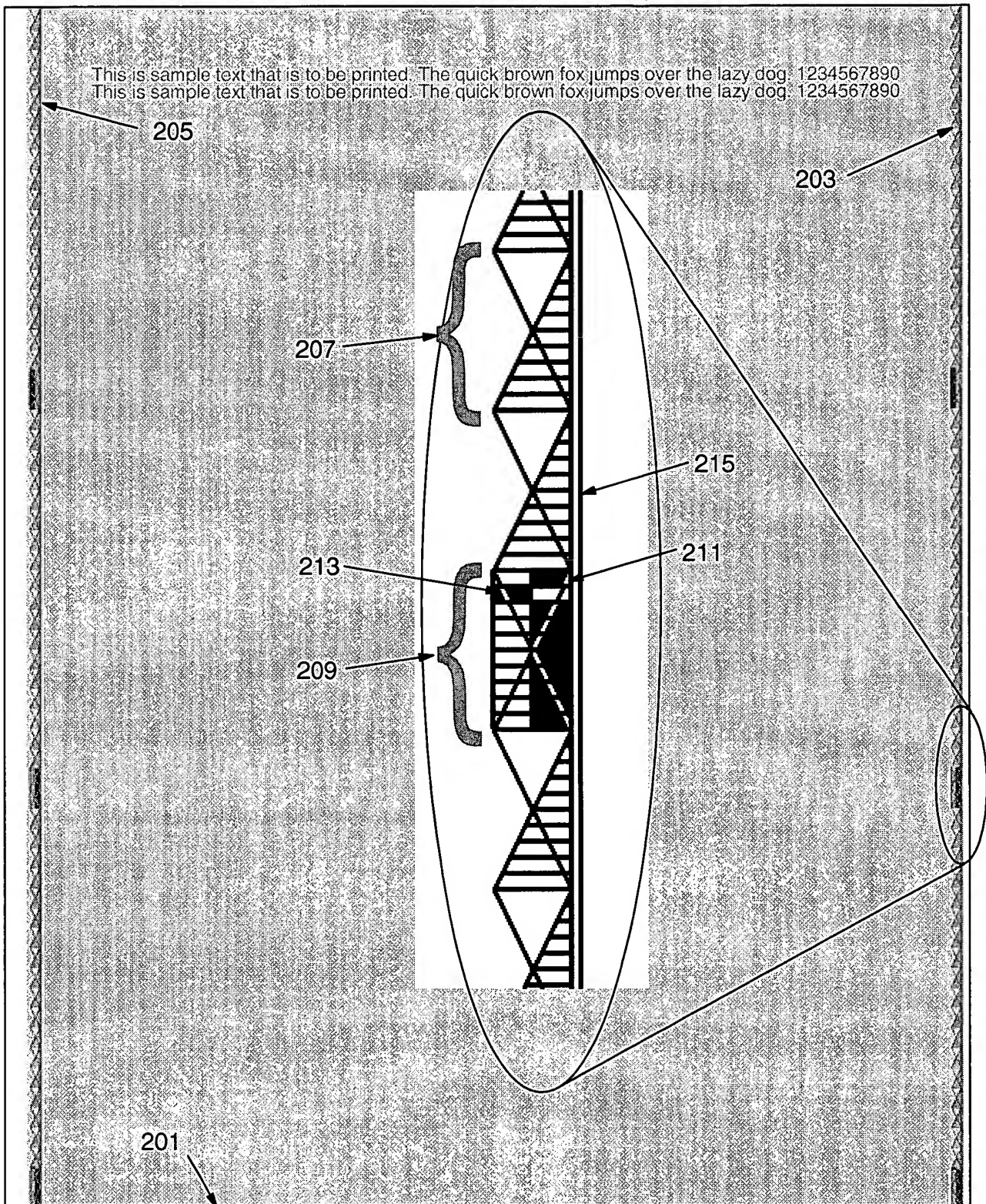


Figure 2

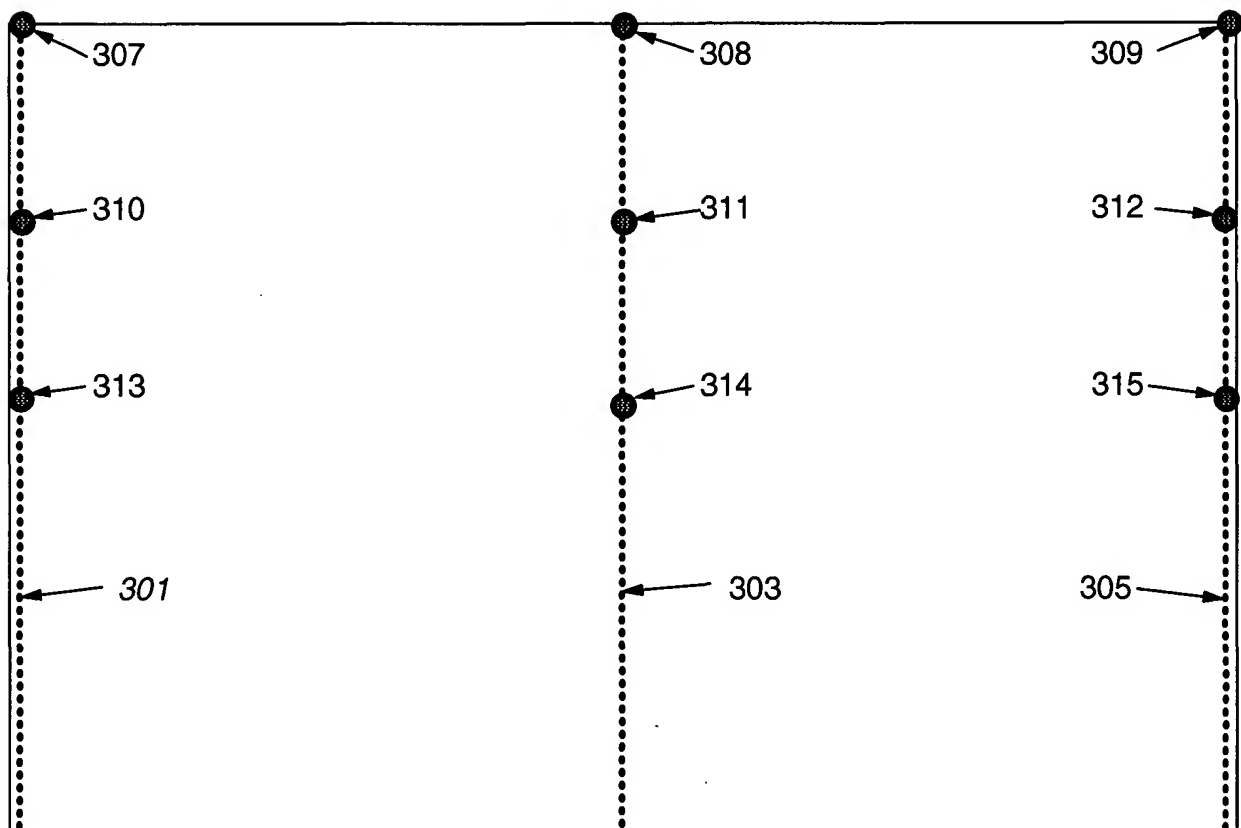


Figure 3

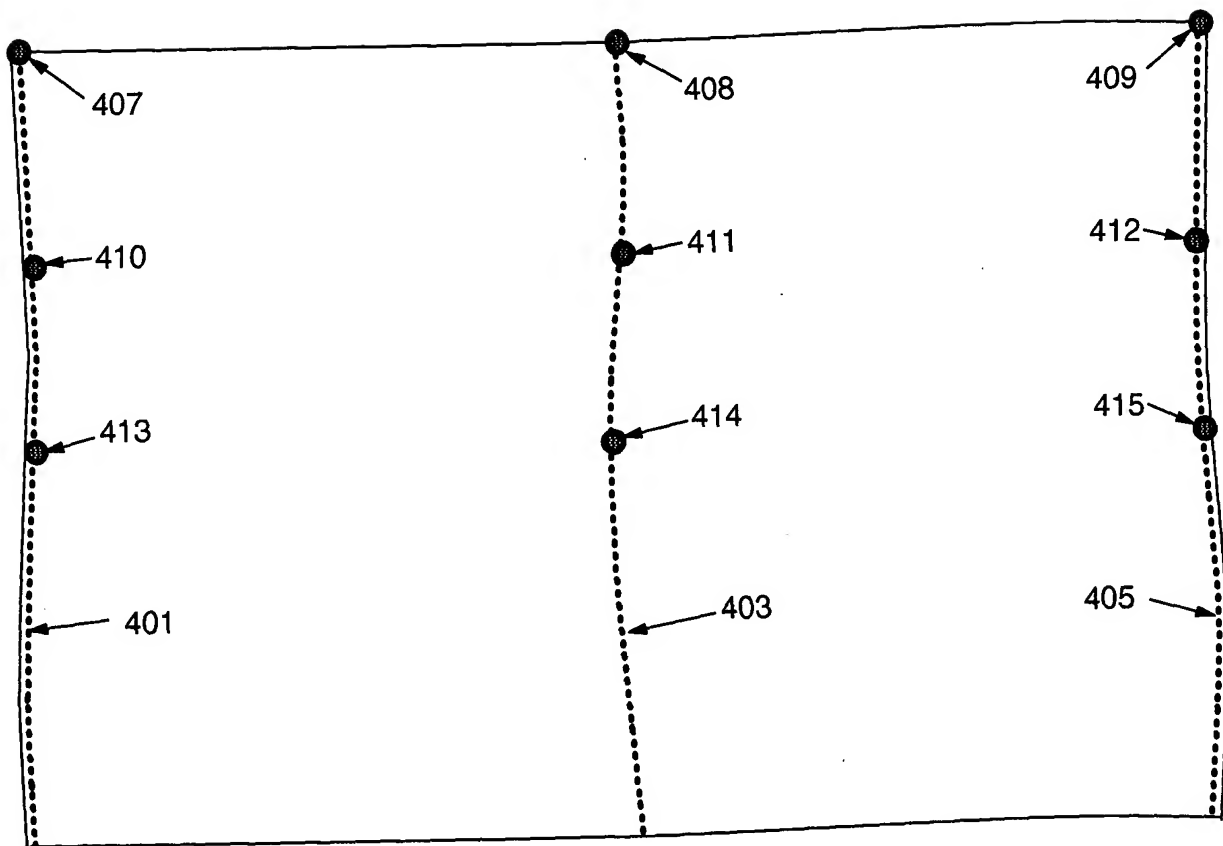



Figure 4


501



p	q	$p \oplus q$
0	0	0
1	0	1
0	1	1
1	1	1

Logical  
**or**  
operator


503



p	q	$p \otimes q$
0	0	0
1	0	0
0	1	0
1	1	1

Logical  
**and**  
operator

505



p	q	$p \otimes^* q$
0	0	0
1	0	1
0	1	1
1	1	0

Logical  
**exclusive-or**  
operator

Figure 5

## Typical Horizontal Paper Distortion

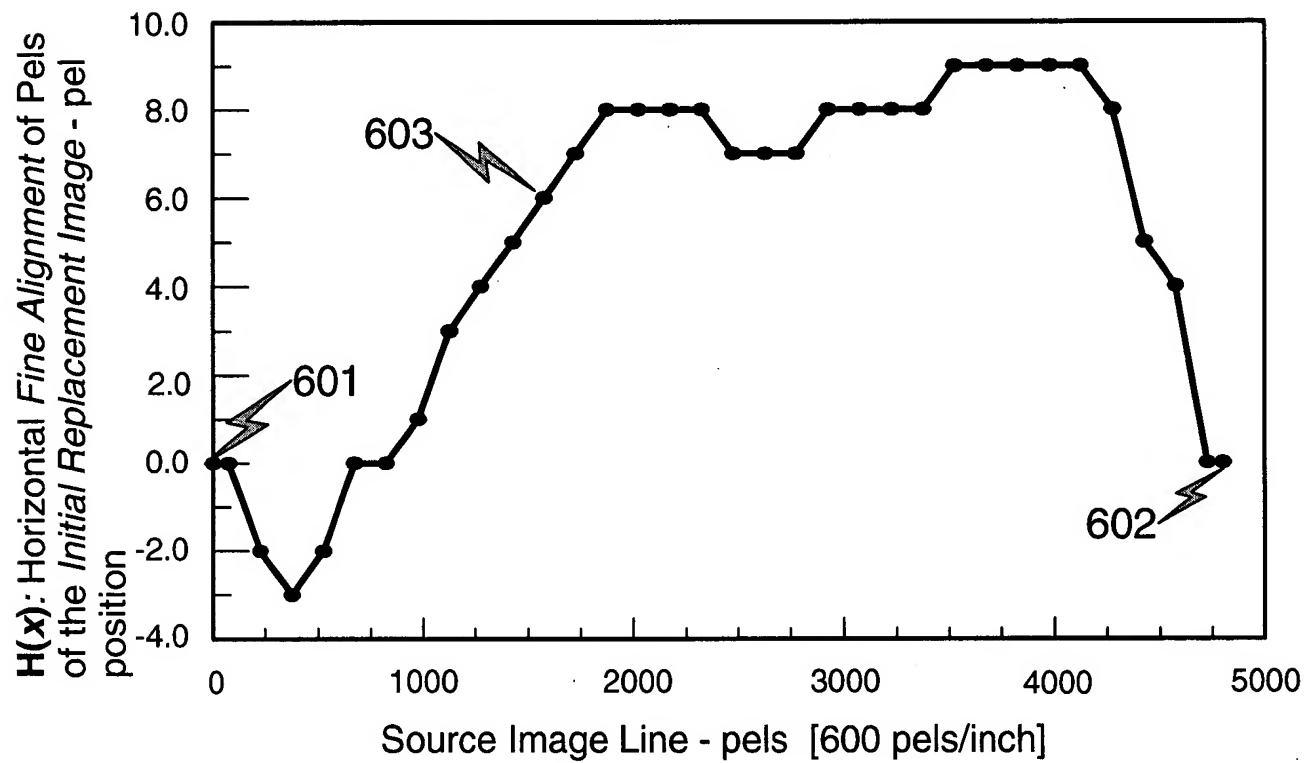


Figure 6

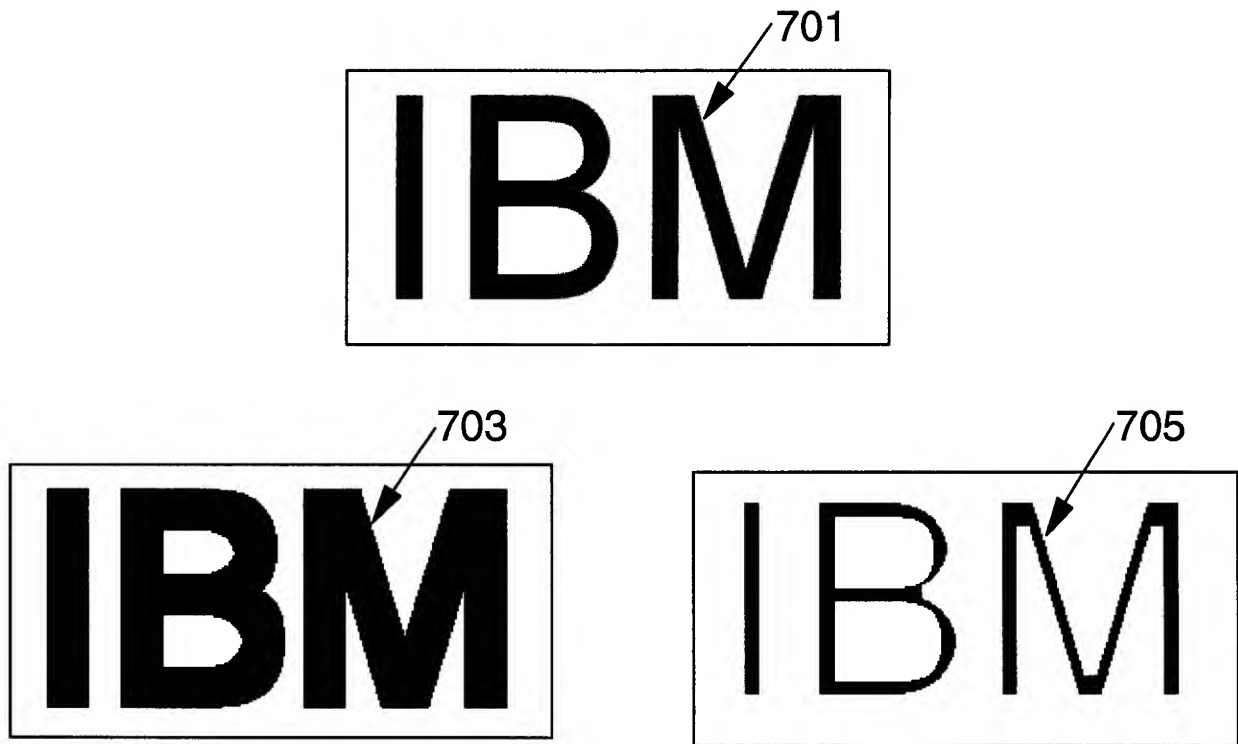


Figure 7



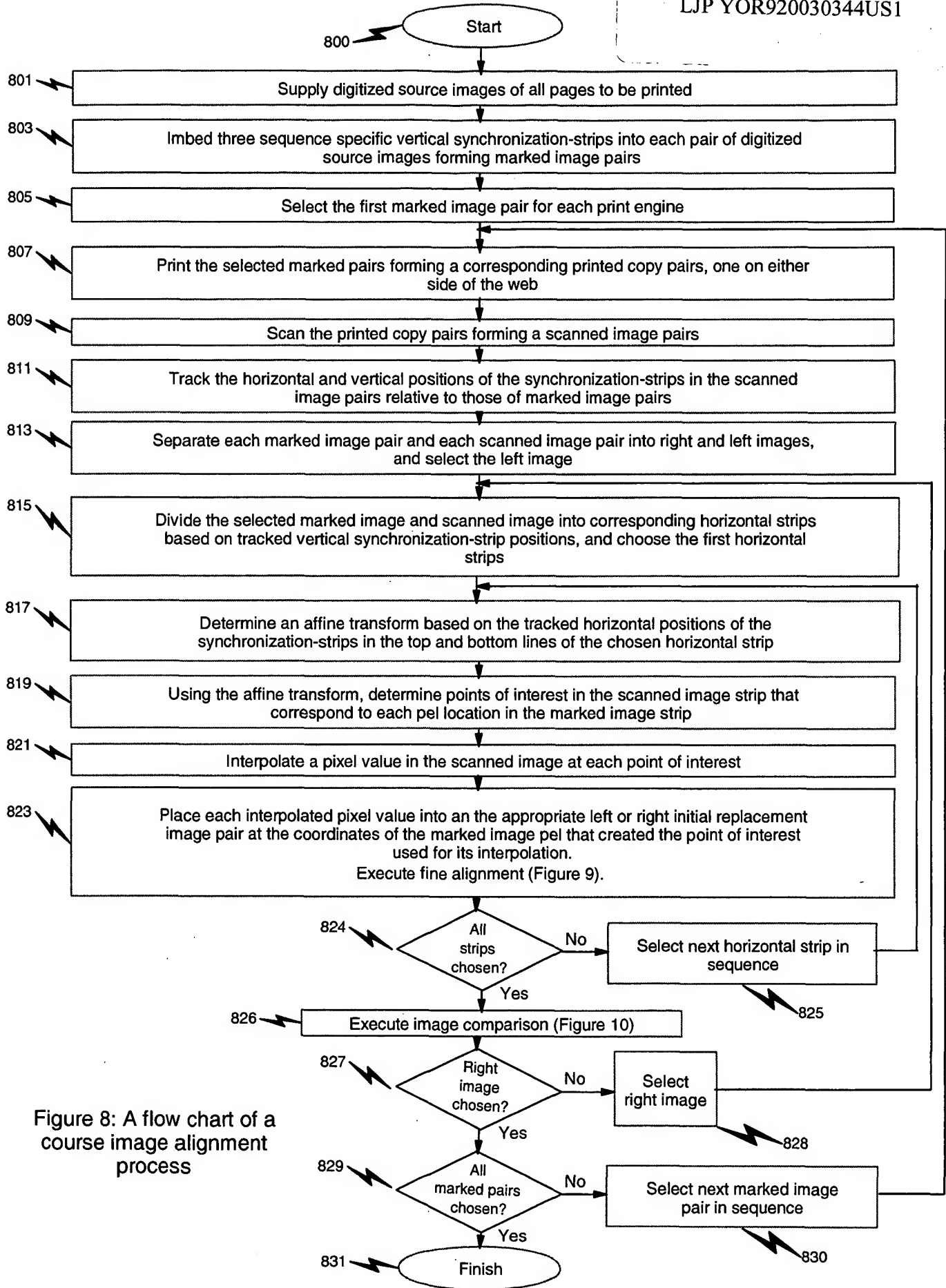


Figure 8: A flow chart of a course image alignment process

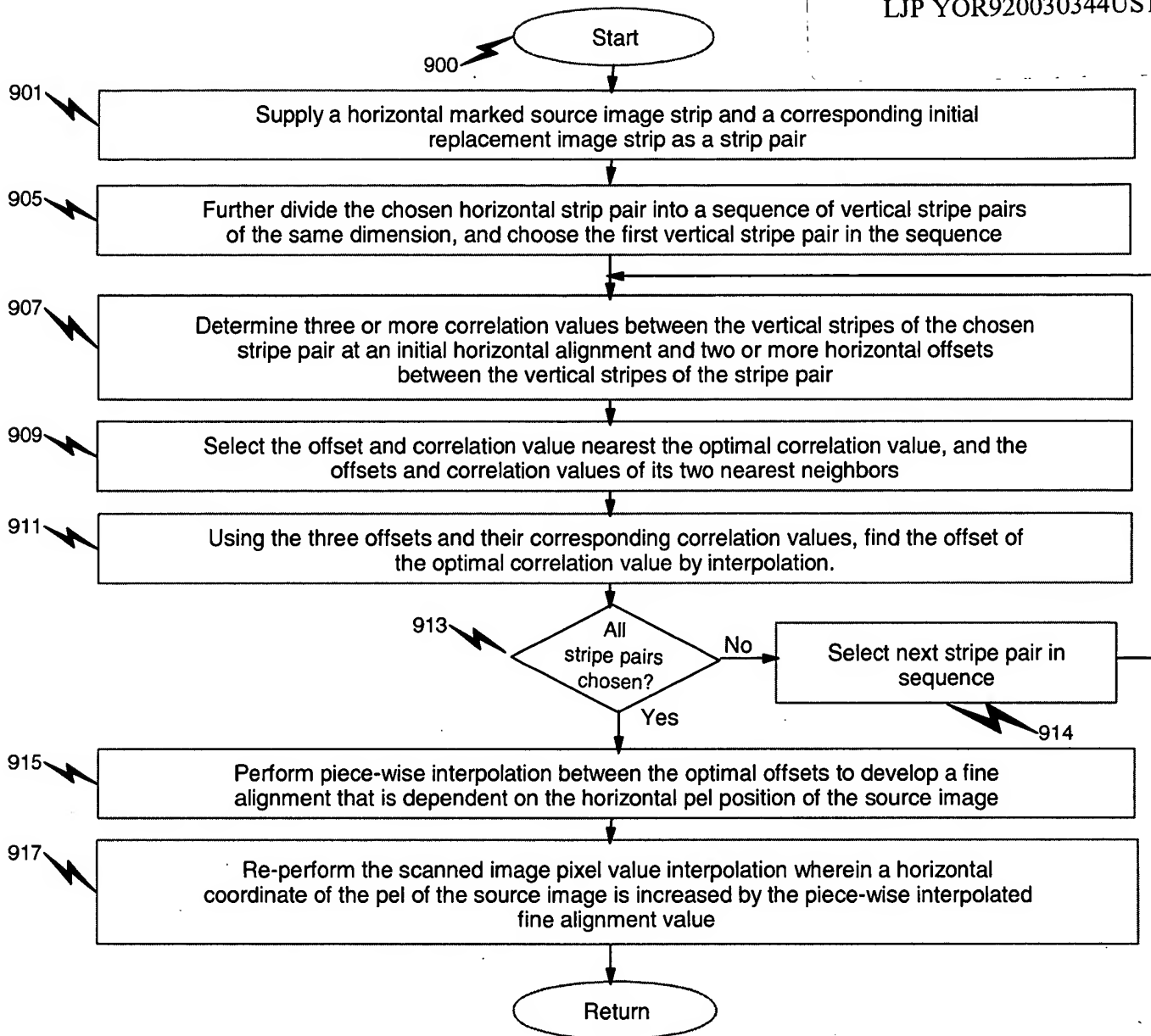


Figure 9: A flow chart of a fine image alignment sub-process

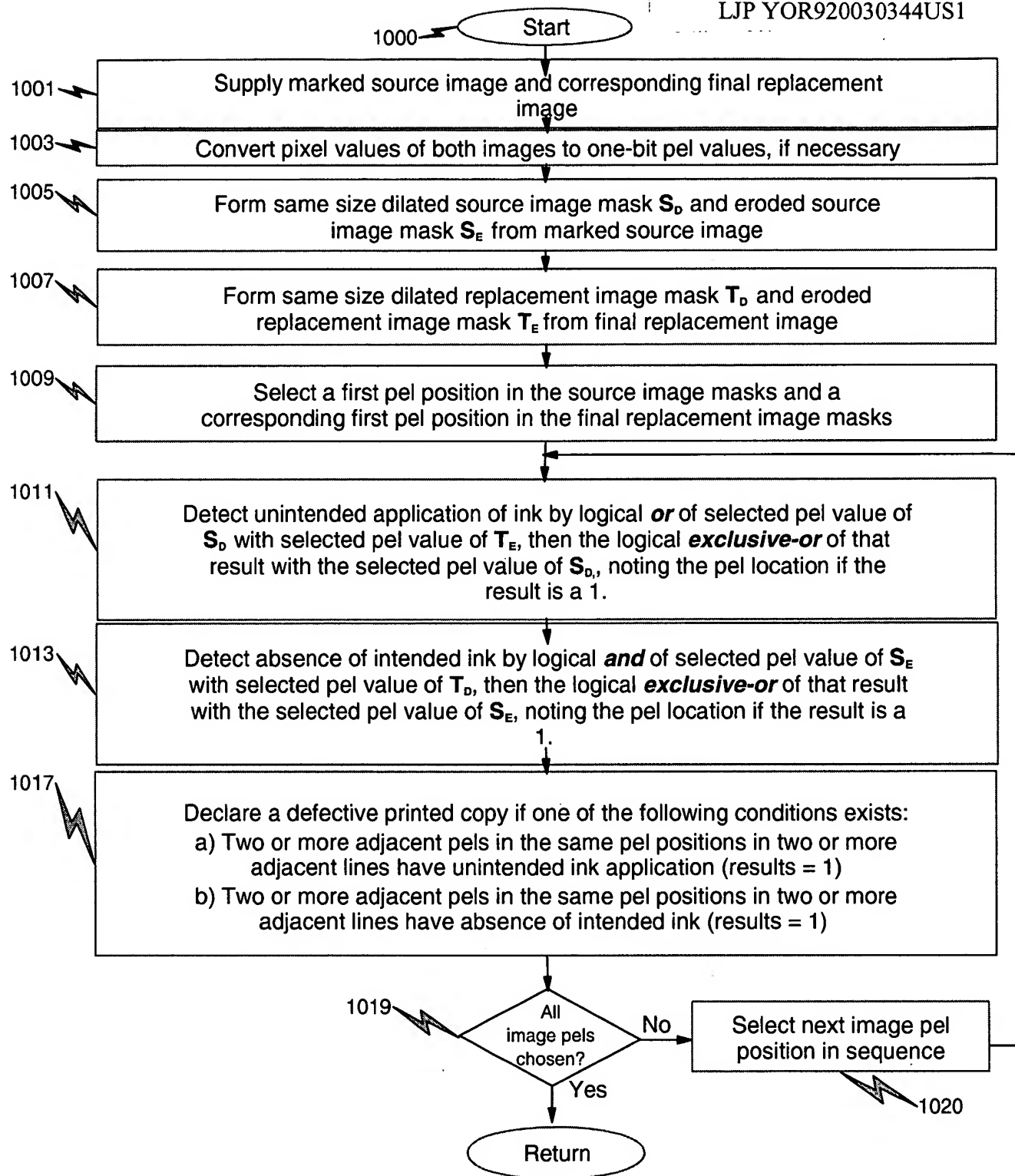


Figure 10: A flow chart of a sub-process for comparison of a scanned printed copy with a source image